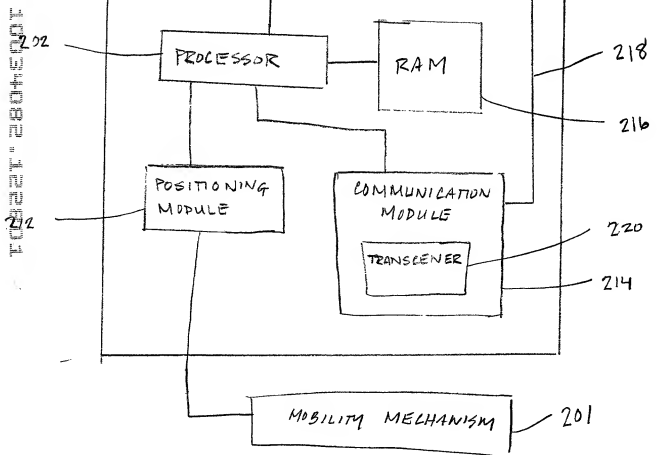
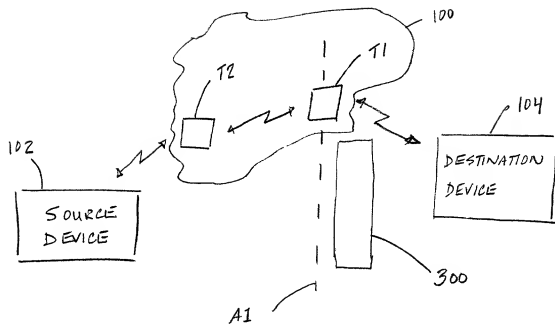
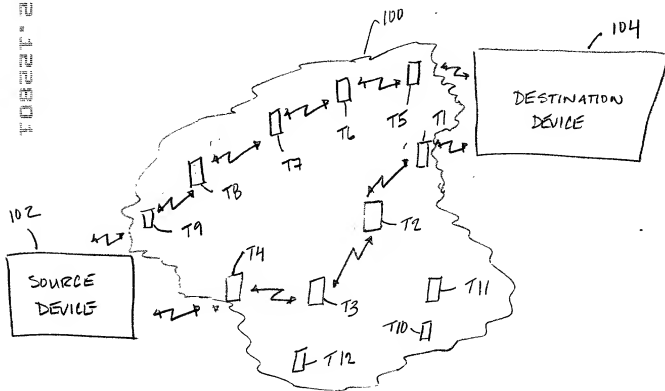


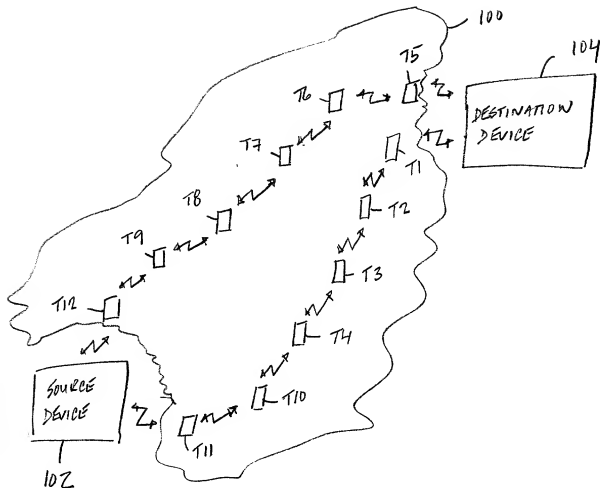
FIG. 1

10034082-122801

FIG. 2

FIG. 3FIG. 4

10034082.122801

FIG. 5

10034082-122801

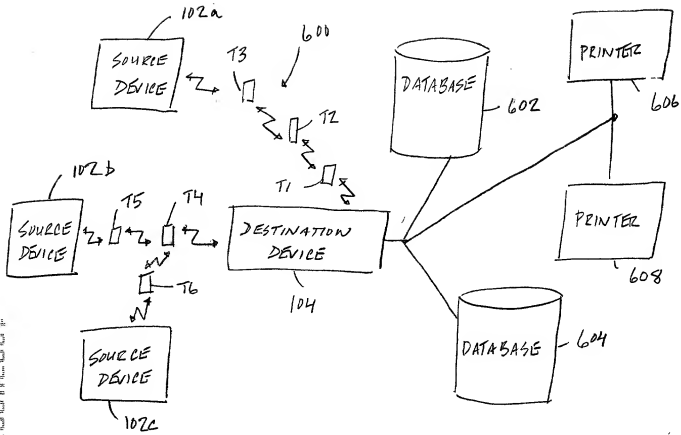


FIG. 6

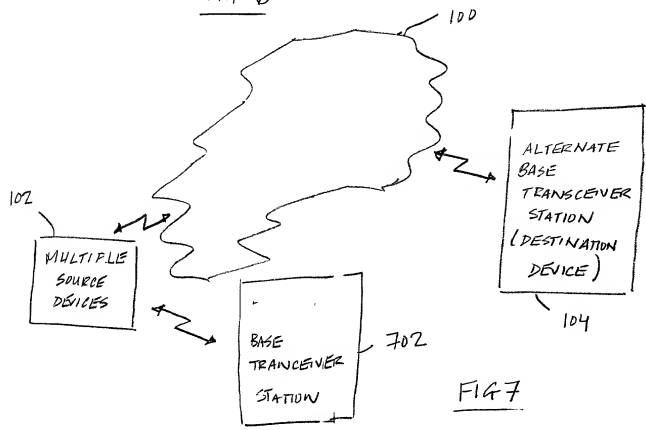


FIG 7

FIG. 8

10034082.122001

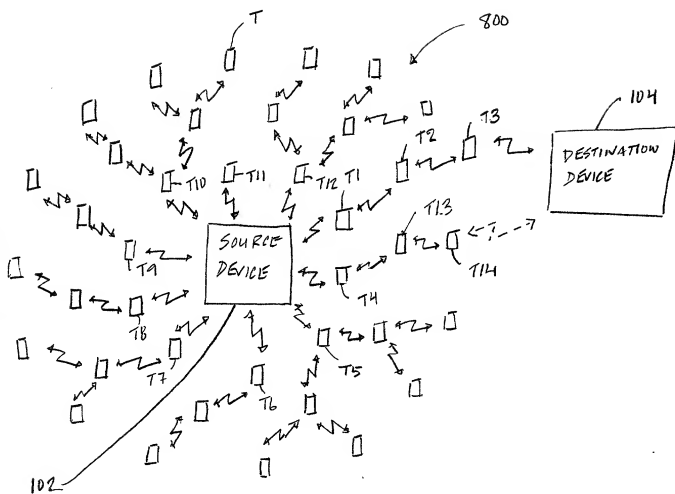
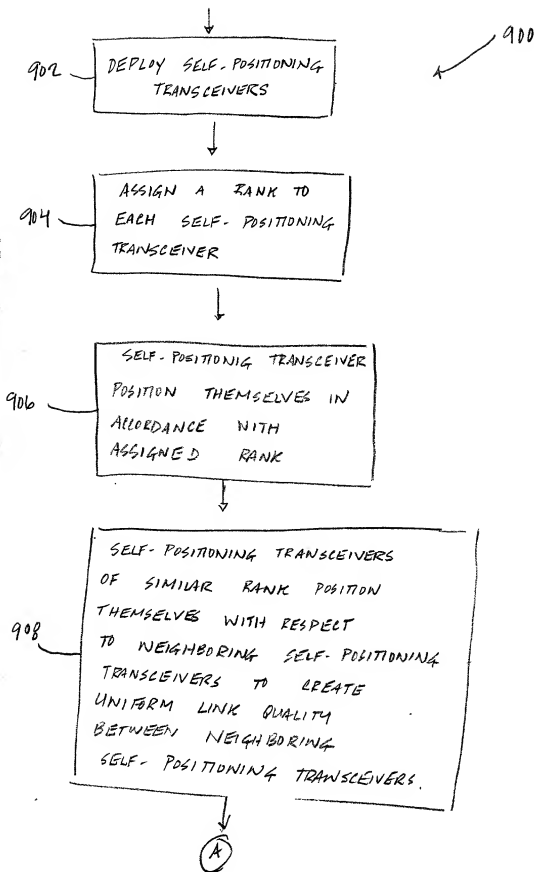


FIG. 9

1003408-122801



(A)

SELF-POSITIONING TRANSCEIVER  
HAVING A RANK  $\geq 2$   
POSITION THEMSELVES  
WITHIN COMMUNICATION  
RANGE OF AT LEAST ONE  
SELF-POSITIONING TRANSCEIVER  
HAVING A RANK ONE LESS  
THAN THEIR OWN.

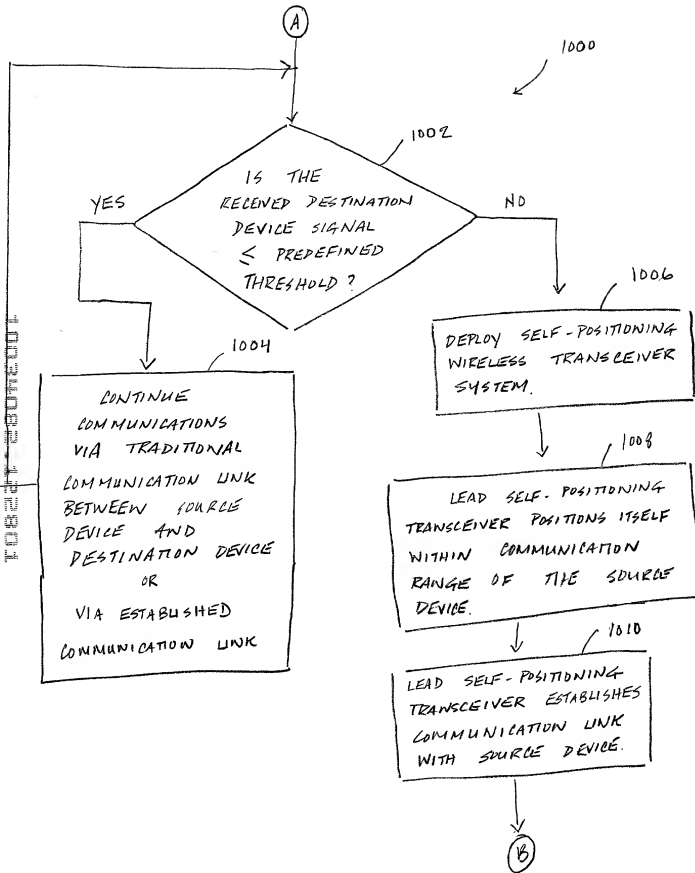
910

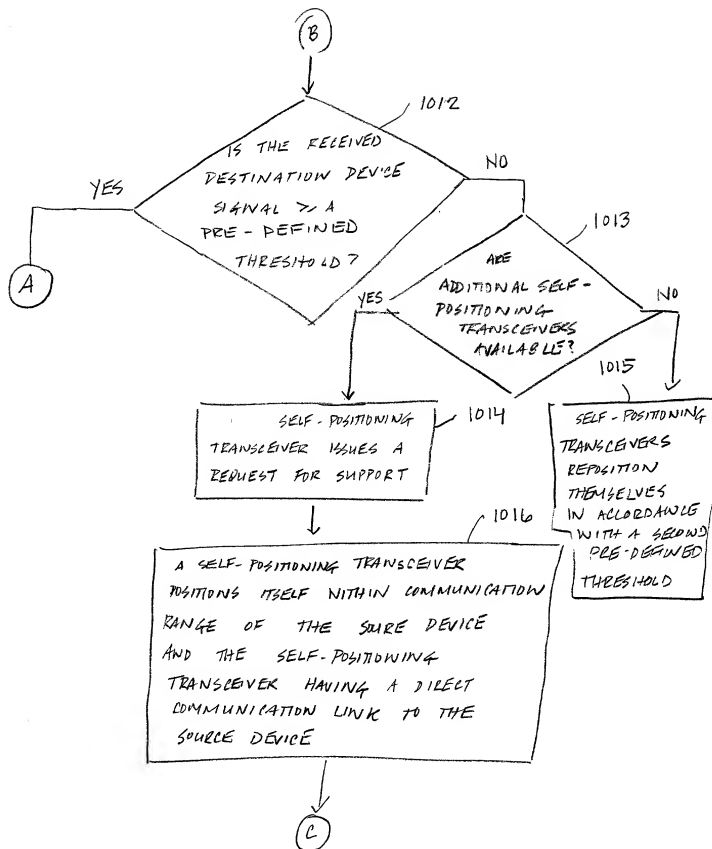
1034082-122801



FIG. 10

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FIG. 10 (continued)

C

1018

THE NEWLY POSITIONED SELF-  
POSITIONING TRANSCEIVER  
ESTABLISHES A COMMUNICATION  
LINK WITH THE SOURCE  
DEVICE AND THE SELF-  
POSITIONING TRANSCEIVER WITH  
A DIRECT COMMUNICATION  
LINK TO THE SOURCE DEVICE



1020

THE LEAD SELF-POSITIONING TRANSCEIVER  
MOVES A PREDEFINED INCREMENTAL  
DISTANCE TOWARD THE DESTINATION  
DEVICE AND AWAY FROM THE  
SOURCE DEVICE.

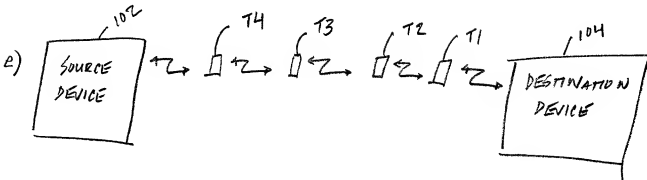
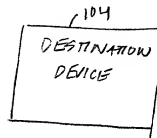
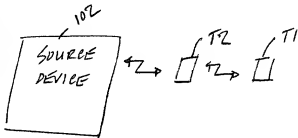
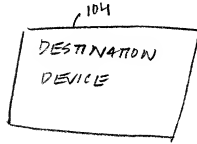
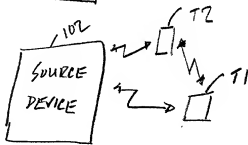
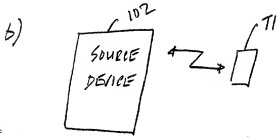
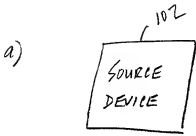


1022

SELF-POSITIONING TRANSCEIVERS WITHIN  
ESTABLISHED COMMUNICATION LINK  
REPOSITION THEMSELVES WITH  
RESPECT TO NEIGHBORING SELF-  
POSITIONING TRANSCEIVERS.



B



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FIG 12

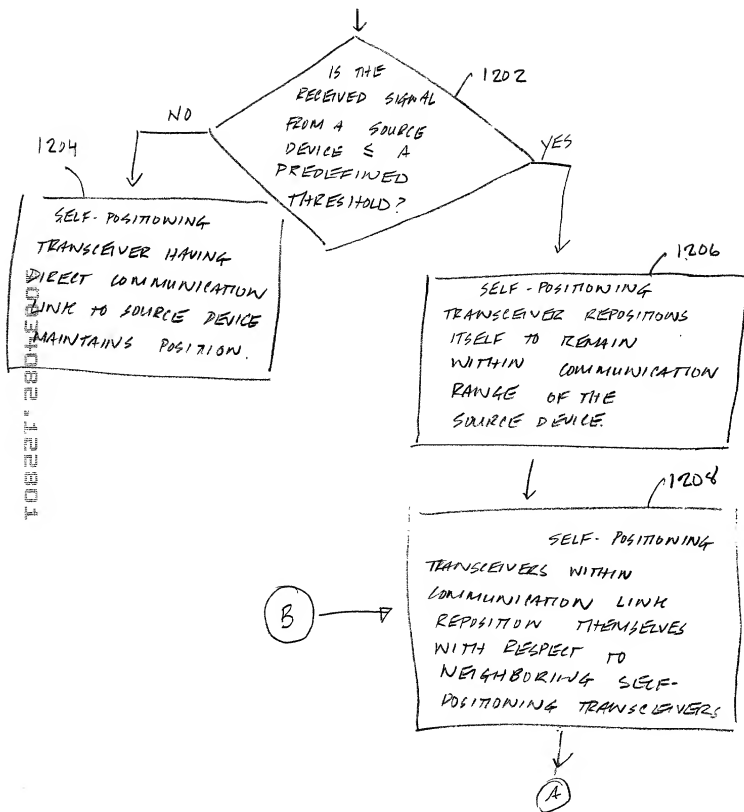
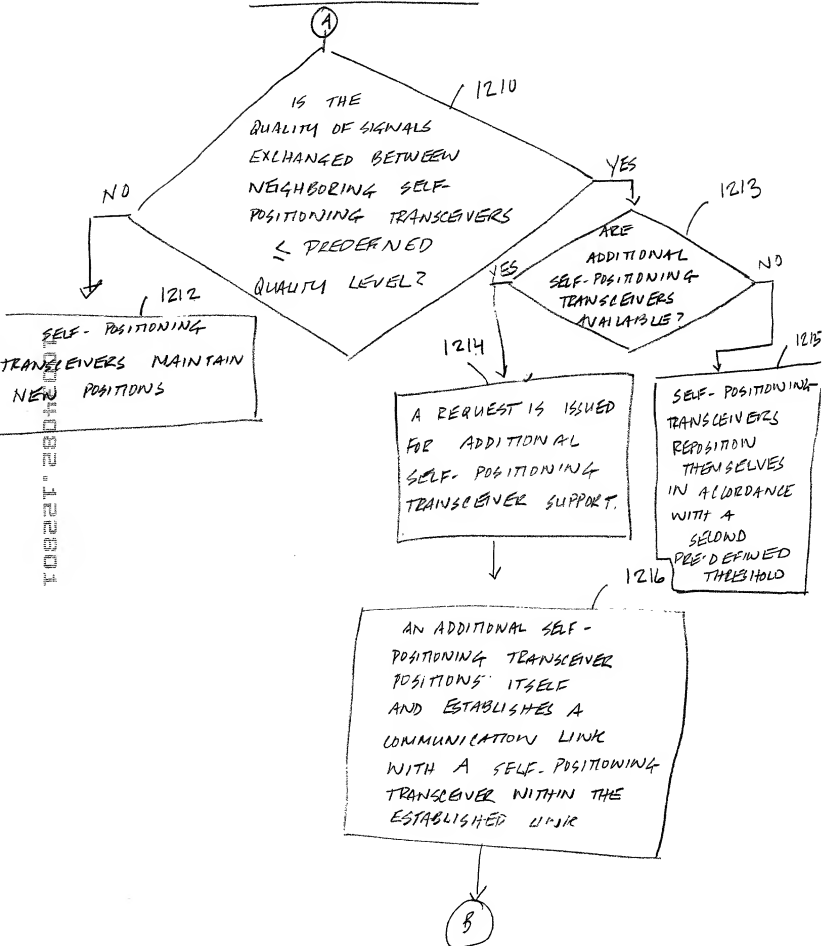
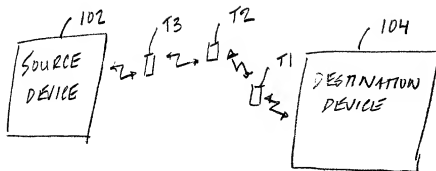


FIG 12 (CONTINUED)

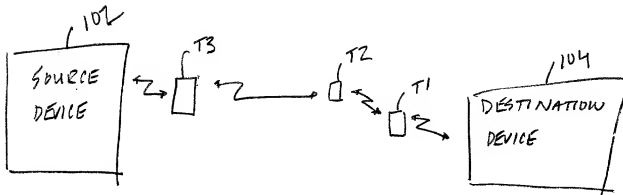
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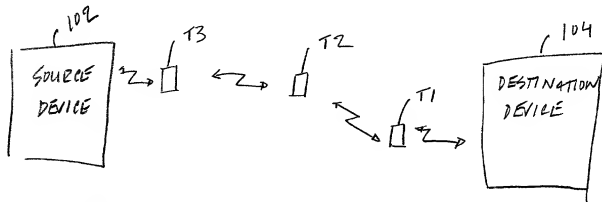
a)



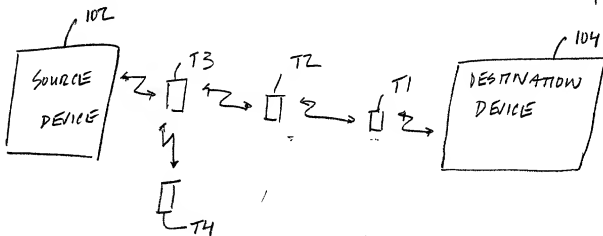
b)



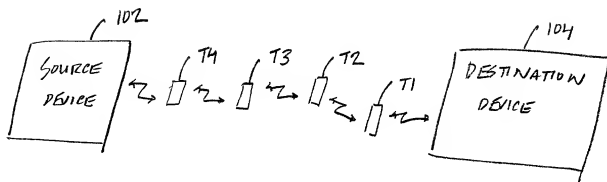
c)



d)



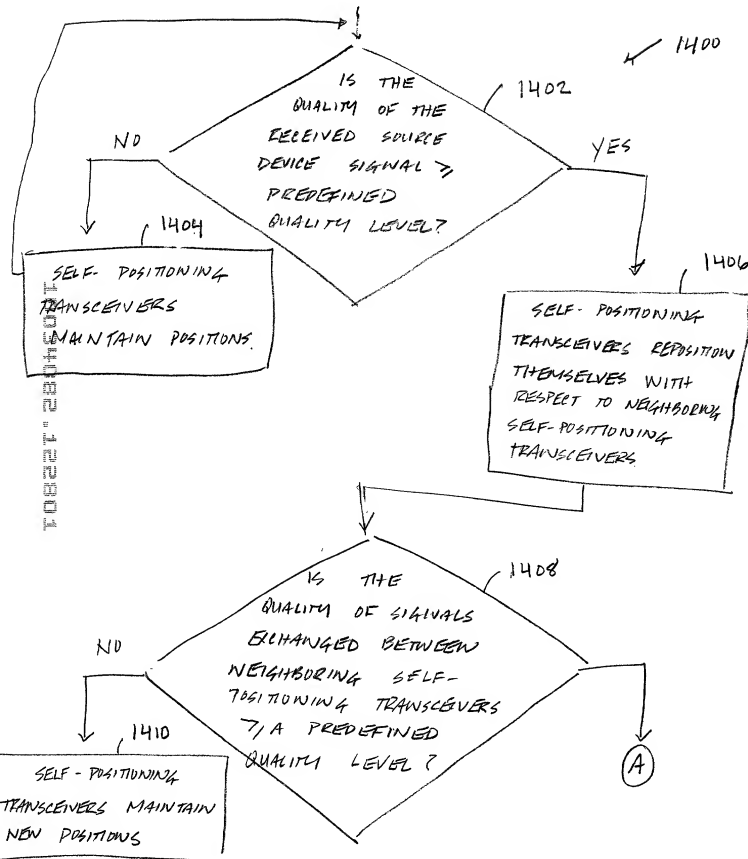
2)



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FIG 14



(4)

A COMMAND IS ISSUED TO THE SELF-POSITIONING TRANSCEIVER A IN DIRECT COMMUNICATION WITH THE SELF-POSITIONING TRANSCEIVER ADJACENT THE SOURCE DEVICE TO ESTABLISH A COMMUNICATION LINK WITH THE SOURCE DEVICE.

1411

A COMMAND IS ISSUED DIRECTING THE SELF-POSITIONING TRANSCEIVER HAVING A DIRECT COMMUNICATION LINK TO THE SOURCE DEVICE TO WITHDRAW FROM THE COMMUNICATION LINK.

1412

THE SELF-POSITIONING TRANSCEIVER HAVING A DIRECT COMMUNICATION LINK TO THE SOURCE DEVICE WITHDRAWS

1414

REMAINING SELF-POSITIONING TRANSCEIVERS REPOSITION THEMSELVES WITH RESPECT TO NEIGHBORING SELF-POSITIONING TRANSCEIVERS

1416

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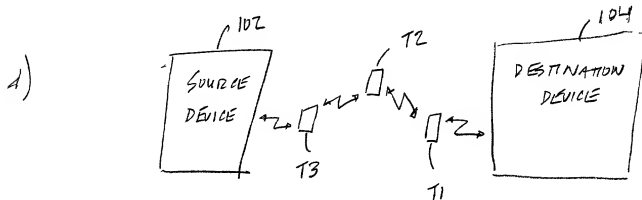
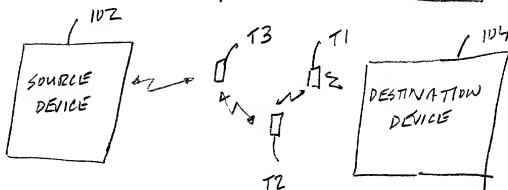
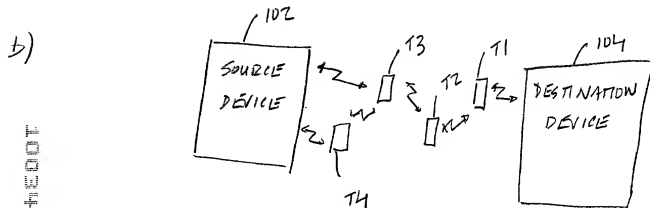
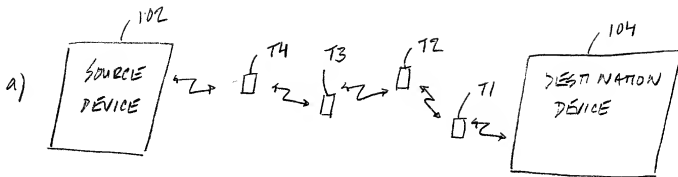
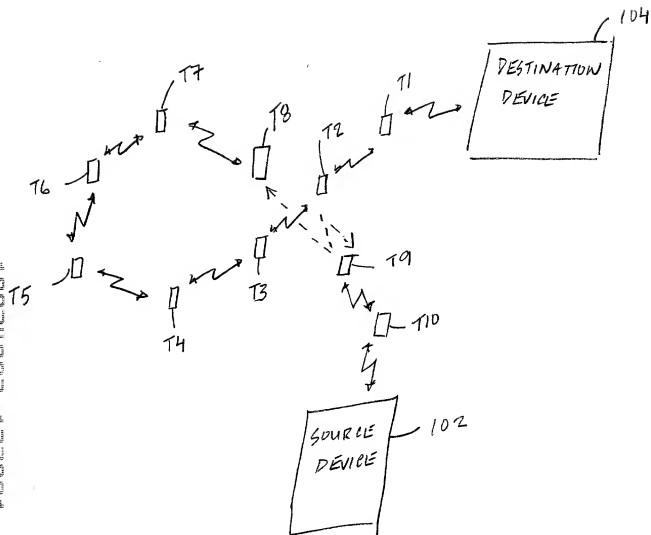


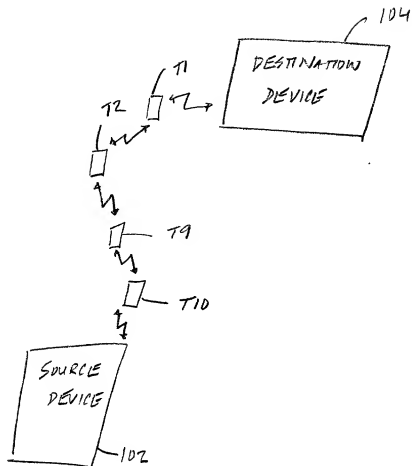
FIG 16

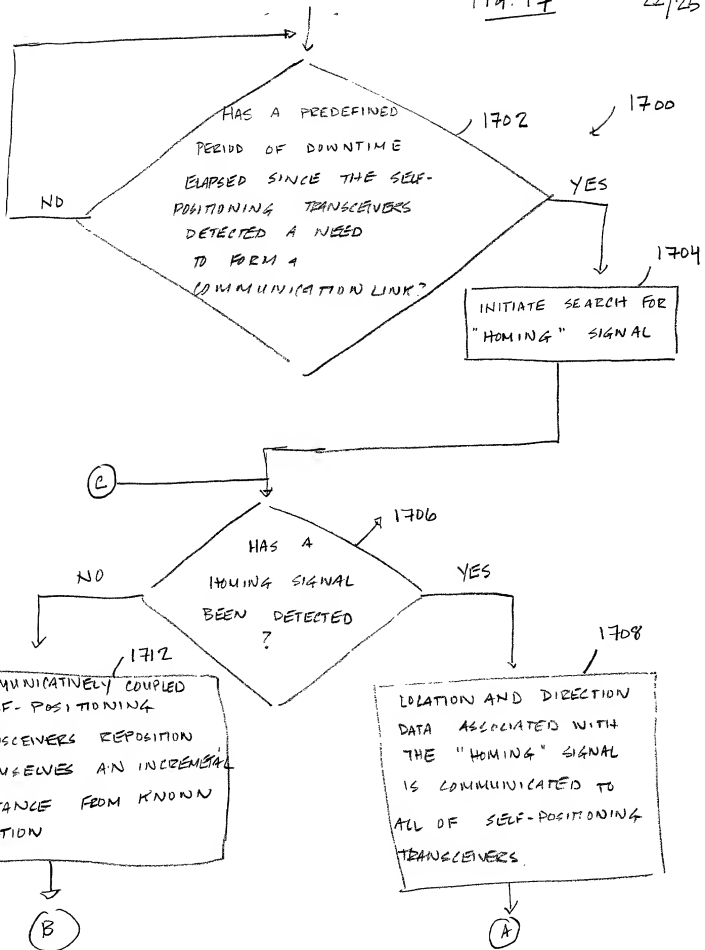
a)

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b)





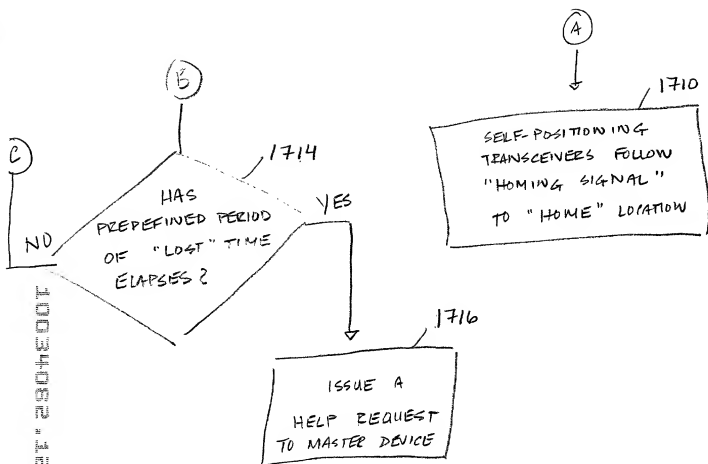
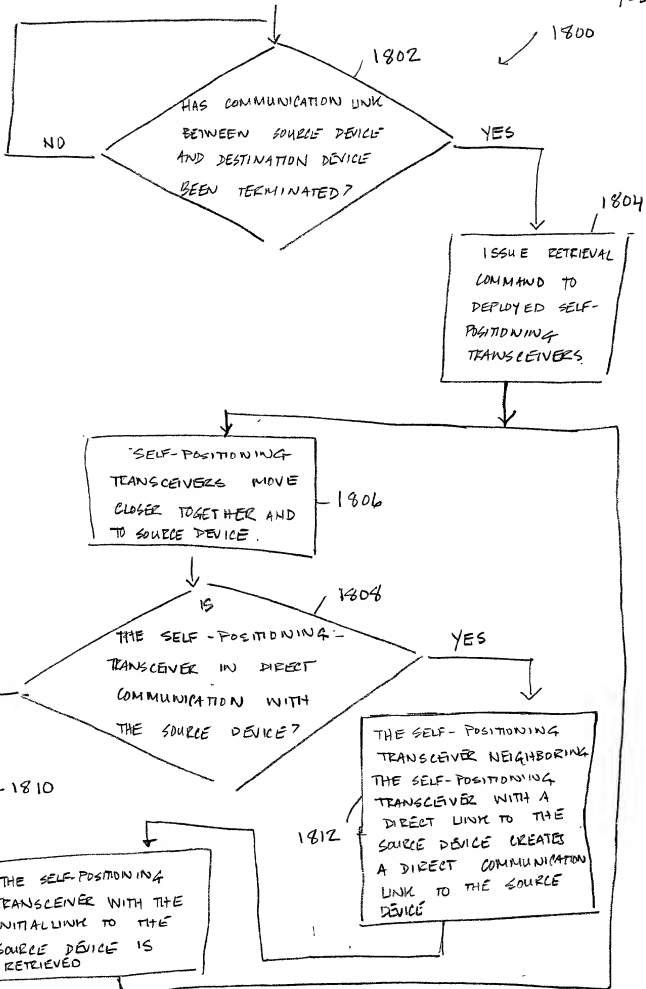


FIG. 18

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FIG 19

